## BRUHATH BANGALORE MAHANAGARA PALIKE

## SCHEDULE - B

**Name of Work : Improvements to drains at near Byraveshwara Circle 4th and 5th Cross roads in ward no. 14. Bagalagunte**

| Sl. No | Description | Unit | Qty | Rates | |
|---|---|---|---|---|---|
| | | | | In Figs | In Words |
| 1 | Removing B.S slab of Drain and stacking | Sqm | 124.20 | 65.72 | Rupees sixty-five and seventy-two paise only |
| 2 | Removing & Refixing stone slabs of drains and pointing in C.M (1:3) | Sqm | 124.20 | 80.56 | Rupees eighty and fifty-six paise only |
| 3 | Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. with all leads and lifts including conveying the excavated earth silt debris and over burden earth etc., to lead of 0 to 9 kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete as per the direction of engneer in charge of the work | Cum | 170.00 | 170.92 | Rupees one hundred seventy and ninety-two paise only |
| 4 | Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery curing complete as per specifications. | Cum | 15.52 | 5159.02 | Rupees five thousand, one hundred fifty-nine and two paise only |
| 5 | Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per specificatio | Cum | 10.35 | 5767.46 | Rupees five thousand, seven hundred sixty-seven and forty-six paise only |

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| Sl. No | Description | Unit | Qty | Rates | |
|---|---|---|---|---|---|
| | | | | In Figs | In Words |
| 6 | Providing a granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete for 7.5 cms thick | Sqm | 82.80 | 665.68 | Rupees six hundred sixty-five and sixty-eight paise only |
| 7 | KSRB 5-14.1 : Providing and construction load bearing wall with solid concrete block of Size 400x200x200mm having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1 ) : 2005 and constructed CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges scaffolding, curing, hire charges of machineries etc., Complete as specification | Sqm | 184.00 | 993.22 | Rupees nine hundred ninety-three and twenty-two paise only |
| 8 | Supplying and fixing precast reinforced conceret slabs 10cm thick of mix M20 using 20mm and sownsize graded grantite metal using reinforecement 100mm dia steel at 150mm C/C both ways cost, transportation, hire charges of machinerym machine cuttng the vertical face to get plain even surface etc., complete with all lead and lift conveyance charges, labour charges inclusive of cost of all materials | Cum | 207.00 | 1600.00 | Rupees one thousand, six hundred paise only |
| 9 | Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specification | Cum | 375.00 | 5.30 | Rupees five and thirty paise only |
| 10 | Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with mortor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per specifications. for coarse graded granular sub-base material as per 400-2. For Grading I Material. | | 56.25 | 1518.98 | Rupees one thousand, five hundred eighteen and ninety-eight paise only |
| 11 | Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. | Sqm | 56.25 | 1768.08 | Rupees one thousand, seven hundred sixty-eight and eight paise only |

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| Sl. No | Description | Unit | Qty | Rates | |
|---|---|---|---|---|---|
| | | | | In Figs | In Words |
| 12 | Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using meachanical means complete as per specifications. | Sqm | 375.00 | 27.56 | Rupees twenty-seven and fifty-six paise only |
| 13 | Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to rceive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. | Sqm | 2500.00 | 3.18 | Rupees three and eighteen paise only |
| 14 | Providing and laying bituminous macadam on prepared surface with cushed coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specification. MORTH Chapter 5 using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50mm to 75mm) with 3.3% VG-30 Bitumen | Cum | 18.75 | 5237.46 | Rupees five thousand, two hundred thirty-seven and forty-six paise only |
| 15 | Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. | Sqm | 2875.00 | 11.66 | Rupees eleven and sixty-six paise only |
| 16 | Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.500.9 complete in all respects complete as per specifications. MORTH Specification No.509. using 100/120 TPH capacity HMP with sensor paver Gr-II (30 to 45mm) with 6% VG-30 Bitumen | Cum | 100.00 | 7270.54 | Rupees seven thousand, two hundred seventy and fifty-four paise only |

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Basavanagudi Division